# Central Iowa Code Consortium - Code Proposal Form

Note - Each code section proposal must be submitted on a separate form

Untitled Title

## Name: *

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## Organization

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## Code Book *

Resource for code content - https://codes.iccsafe.org/public/collections/I-Codes

IBC - International Building Code

## Code Section *

See example below. DO NOT INCLUDE ANY LEADING ALPHA CHARACTERS! Resource for code language - https://codes.iccsafe.org/public/collections/I-Codes

423.4

## Is this an Appendix Chapter? *

- ○ Yes
- ◉ No

## If yes, which appendix?

Allowing Alpha Characters

## Code Section Example

**101.1 Title.**
These provisions shall be known as the *Residential Code for One- and Two-family Dwellings* of **[NAME OF JURISDICTION]**, and shall be cited as such and will be referred to herein as "this code."

**101.2 Scope.**
The provisions of the *International Residential Code for One- and Two-family Dwellings* shall apply to the construction, *alteration*, movement, enlargement, replacement, repair, *equipment*, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and *townhouses* not more than three stories above *grade plane* in height with a separate means of egress and their *accessory structures* not more than three stories above *grade plane* in height.

## Type of proposal *

Amend - Edit current section - change words | Delete - Remove section | Insert - Add text to existing section

- (●) Modification
- ( ) Deletion
- ( ) Addition

## Does this proposal impact other codes? *

- ( ) Yes
- (●) No

## If yes, indicate which code and code section?

_____

## Does this proposal relate to a previously accepted CICC amendment? *

- ( ) Yes
- (●) No

## If yes, which previously accepted CICC amendment?

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## Modification

## Existing Text *

Full text as it is printed in the Code. Book Resource for code language - https://codes.iccsafe.org/public/collections/I-Codes

In areas where the shelter design wind speed for tornadoes in 250 mph in accordance with Figure 304.2 (1) of ICC 500, all Group E occupancies with an occupant load of 50 or more shall have a storm shelter constructed in accordance with ICC 500.

## Proposed Text *

In areas where the shelter design wind speed for tornadoes in 250 mph in accordance with Figure 304.2 (1) of ICC 500, all Group E occupancies with an occupant load of 50 or more shall have a storm shelter constructed in accordance with Chapters 1 through 5 & 8 of ICC 500.

### Deletion

This text is being proposed to be struck from the adopted code.

## Existing Text to be struck *

Resource for code language - https://codes.iccsafe.org/public/collections/I-Codes

### Addition

This text is being proposed to be added to the 2018 International Code for adoption by local municipalities.

Provide your new proposed code to be added to the existing code as cited above. *

## Justification for Proposal

Provide reason to support your proposal  based on the safety impact, enfforceability, cost effectiveness, or unique location conditions

## Justification *

This IBC amendment would allow shelters for additions to existing Group E occupancies to be designed and constructed without having to implement the provisions of ICC 500 chapters 6 & 7. These two chapters describe ventilation, sanitation, fire separation, fire extinguisher, emergency lighting and first aid kit requirements. For schools only this amendment would strike out those provisions. Typically schools have assemblies that are constructed with non-combustible materials that meet a minimum of a 1-hour fire rating. The fire separation requirements seem to be restrictive and unknown as to why a 2 hour separation would be required. The fire extinguisher and emergency lighting provisions would still be required per the IFC and IBC general provisions. The IBC would mandate emergency power provided for up to 90 minutes while the ICC 500 document mandates 120 minutes. With weather events experienced in this region of the country, typically of short duration, the question would be is there a need to provide plumbing fixtures for sanitation. Is it critical that water closets and lavatories be provided for tornado shelters?

Passing this amendment would allow for a reduction in cost while still maintaining a certain degree of safety and maintains the overall intent and scope of why shelters would be required. The weather events in this region of the country are limited time events. The majority of the time once the weather event has subsided the facility or area within the facility ceases to perform as a storm shelter. This amendment does not allow any reductions of the facility or area within the facility from meeting other provisions of the code if the storm shelter has a dual function/use such as emergency lighting, exit signage, panic hardware on doors, fire extinguishers, etc. The design, site, means of egress and construction requirements per Chapters 3, 4 & 5 of ICC 500 are still mandated as well as the administration, definitions and test methods listed therein.

As a side note storm shelters are only required to provide enough capacity to serve the occupants of the addition, not the entire existing structure. Refer to Exception #1 of section 423.4.1.

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